

**I CLAIM**

**Claim 1.**

An offset socket drive comprising:

a body member;

5 a drive gear having a square recess adapted to receive the drive head of an impact driver, the drive gear rotatably disposed within the body member;

a driven gear having a hex receptacle, the driven gear rotatably disposed within the body member and gearably meshed  
10 with the drive gear, the driven gear having a first longitudinal hole core;

a socket having a second longitudinal core, the socket being connected to the hex receptacle such that the first hollow core and the second hollow core longitudinally align; and

15 wherein the impact driver is activated causing the drive head to rotate thereby causing the drive gear to rotate which causes the driven gear and the received accessory to rotate.

**Claim 2.**

The offset socket drive as in claim 1 further comprising an  
20 oil fill opening located on the body member for introducing grease into the body member and onto the drive gear and the driven gear.

**Claim 3.**

The offset socket as in claim 1 wherein the square recess faces in an opposite direction relative to the facing of the hex receptacle.

**5 Claim 4.**

The offset socket drive as in claim 1 further comprising a handle removably attached to the body member.

**Claim 5.**

The offset socket drive as in claim 1 further comprising:  
10 at least one threaded receptacle located on a side of the body member; and

a handle that is threadably received within a respective one of the at least one threaded receptacle.

**Claim 6.**

15 The offset socket drive as in claim 5 further comprising at least one cap that is threadably received within the at least one threaded receptacle whenever the threaded receptacle does not receive the handle.

**Claim 7.**

20 The offset socket drive as in claim 7 wherein the socket is connected to the hex receptacle via a hex-to-square adapter that is received within the hex receptacle and the socket is received thereonto.

**Claim 8.**

The offset socket drive as in claim 7 wherein the socket is connected to the hex receptacle via an extension.

**Claim 9.**

5       The offset socket drive as in claim 8 wherein the extension comprises:

        a hex-to-square adapter that is received within the hex receptacle;

        a hex drive adapter that is received on the hex-to-square  
10 adapter; and

        a cylinder that is received on the hex drive adapter such that the socket is received by the cylinder.

**Claim 10.**

        The offset socket drive as in claim 9 wherein the cylinder  
15 has a third hollow core such that the first hollow core, second hollow core, and the third hollow core all longitudinally align whenever the socket is connected with the hex receptacle via the extension.

**Claim 11.**

20       The offset socket drive as in claim 8 wherein the extension comprises:

        a hex-to-square adapter that is received within the hex receptacle;

        a hex drive adapter that is received on the hex-to-square  
25 adapter; and

a first cylinder that is received on the hex drive adapter;  
a coupler attached to the first cylinder; and  
a second cylinder attached to the coupler such that the  
socket is received by the second cylinder.

**5 Claim 12.**

The offset socket drive as in claim 11 wherein the first  
cylinder and the second cylinder each have a third hollow core  
and the coupler has a fourth hollow core such that the first  
hollow core, second hollow core, the third hollow core, and the  
10 fourth hollow core all longitudinally align whenever the socket  
is connected with the hex receptacle via the extension.